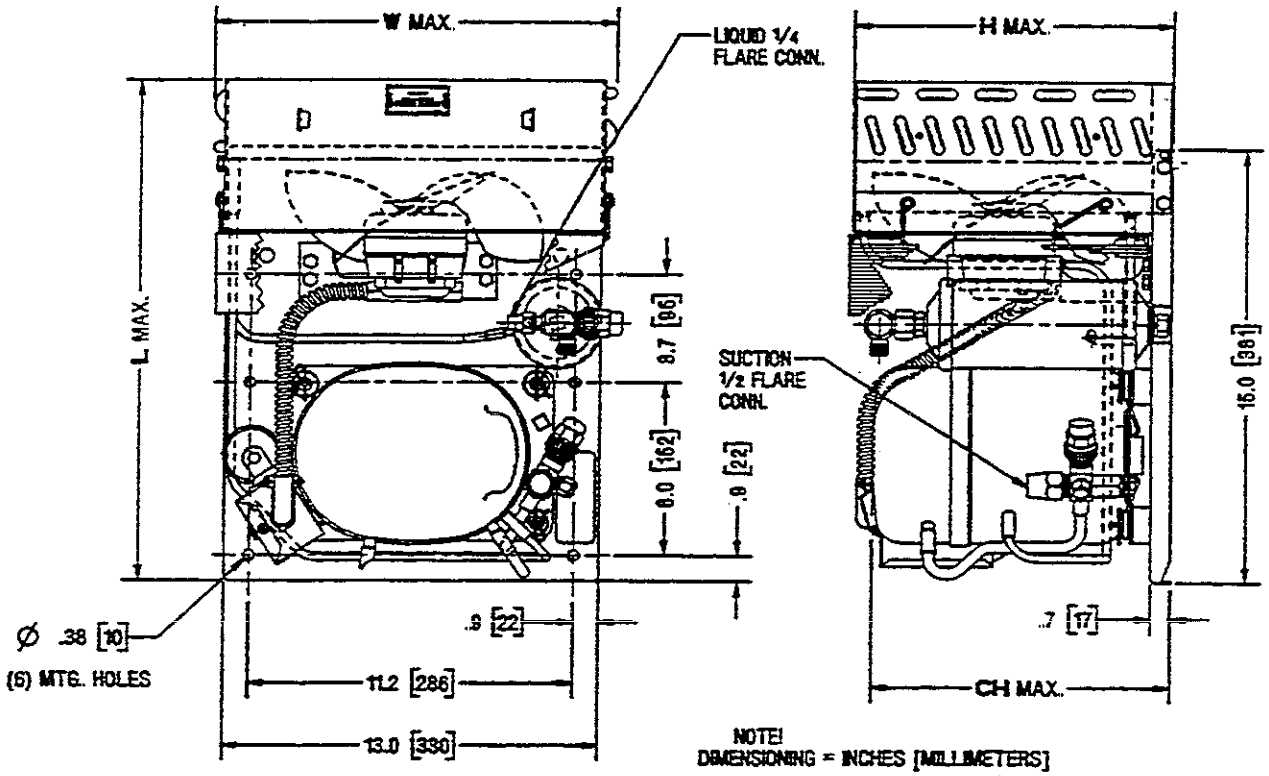
TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-8-95

MODEL AKA4460YXAXC (Formerly AK4460YC) R-134a 1/2 HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AKA4460YXAXC	17.4	14.0	10.9	10.1	1/2 F	1/4 F	3.3#	350	17	68

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections C= Compression Fitting
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
20	18.4	3570	655	155	3180	655	170	2790	670	190
25	22.1	4000	700	160	3590	710	180	3180	715	200
30	26.0	4450	750	170	4000	760	190	3580	770	210
35	30.3	4900	800	180	4430	815	200	3990	830	220
40	35.0	5390	855	190	4880	875	210	4400	895	230
45	40.0	5880	915	200	5330	935	220	4850	960	240
50	45.3	6370	975	210	5800	1010	230	5290	1035	255
55	51.1	6880	1045	220	6290	1085	240	5750	1125	270

Based on 65° F return gas and 5° F subcooling.

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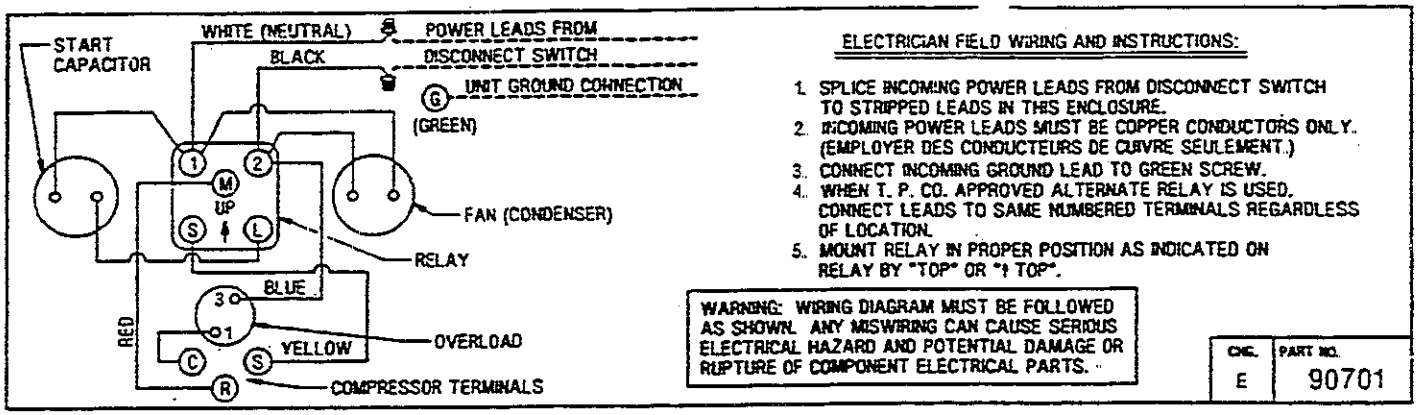
SPECIFICATIONS	AKA4460YXAXC
Nominal Voltage	115-60-1
Unit B/M	2C238-1
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	12.4
Max. Fuse Size (Amps)	20
Compressor Model	AKA4460YXA
Bill of Material	AK168AT-032-P2
RLA/LRA	9.5/48.0
Overload	8300MRAG17
Relay	82498-1
Cap. Start	85691-1
Rating	161-193/165
Relay Box Assy.	AE1227-9
Fan Motor	810M009B48
Alternate	810G009B24
Fan Blade	51551
Fan Guard	70959
Condenser	50840
Condenser Shroud	70766-1
Receiver Tank	51080-1
Receiver Tank Valve	31584
Unit Drawing	SU1909-2
Schematic or Elect. Dwg.	90701


START CAPACITOR
WHITE (NEUTRAL)
BLACK
POWER LEADS FROM DISCONNECT SWITCH
UNIT GROUND CONNECTION
G
(GREEN)
1
2
M
UP
S
L
FAN (CONDENSER)
RELAY
BLUE
3
1
RED
YELLOW
OVERLOAD
C
S
R
COMPRESSOR TERMINALS
ELECTRICIAN FIELD WIRING AND INSTRUCTIONS:
1. SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T. P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.
5. MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "↑ TOP".
WARNING: WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE OF COMPONENT ELECTRICAL PARTS.
CHG. E
PART NO. 90701

U.L. Listed ----------File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C